

International Marine Contractors Association

Improving performance in the marine contracting industry

South America Webinar Competence

Date: 24 November 2021 starting at 1000hrs local time Brazil

There will be opportunity for Q&A at the end of the presentations – please submit questions at any time under the Q&A section on your screen



Welcome

- This is a webinar
- The sound works one way only
—from presenters to you
- Written questions are encouraged
—Q&A box is monitored
- Today's Speakers and Members of the South America Committee will be on the line to answer questions
- We hope to resume face to face meetings when possible
- A recording of today's webinar will be shared with you
- Competition Law



- Presentations will generally be in English
- Questions & Answers may be in either English or Portuguese

IMCA Awards 2021 – nominations open



Two Categories:

Safety

**Environmental
Sustainability**

- Details of criteria and submission process online at [IMCA Launches 2021 Awards Nominations – IMCA \(imca-int.com\)](https://www.imca-int.com/2021-awards-nominations)
- Judging Panel will comprise
 - two representatives from the IMCA Board of Directors
 - Chair/Vice Chair HSSE Committee
 - Chair/Vice Chair Environmental Sustainability Committee
 - relevant members of the IMCA Secretariat
- Contact communications@imca-int.com

- Entries welcome from all IMCA Members
- Nominations open
- Closing date 11 January 2022

Your moderators today



John
Chatten

Chair

*IMCA South
America
Committee*

- **Business Development Manager, Fugro**
- 2016 joined IMCA South America Committee as regional Survey Representative
- Appointed Chairman 2018



Daniel
Marins

Vice Chair

*IMCA South
America
Committee*

- **Fleet Manager Subsea 7**
- 20 + years career @ Subsea 7
- Vessel Superintendent Contract & Operations Manager, Macaé Base & Docking Manager



Andy
Goldsmith

IMCA

IMCA Lead

- **Technical Marine**
- IMCA 2015
- DP expert
- Lead for South America

Special Guests



Vice Admiral Alexandre Cursino
Director of Ports and Coasts

- Vice Admiral Alexandre Cursino graduated the Brazilian Navy School in 1987 and became Naval Aviator.
- Director of Ports and Coasts and he is responsible for preparing Brazilian Maritime Authority regulations as well as working in Maritime Education System, sea traffic safety system, supervise environmental management of Brazilian military organizations and follow maritime policies and International Maritime Organization resolutions.
- Commander of first intercept and attack aircraft squadron, Port Authority, Chief Assistant of Master Plan Command of Naval Operations and Brazilian Navy Aeronautics Director.

Special Guests



Allen Leatt
IMCA
Chief Executive

- Allen is a civil engineer by professional training. His entire career has been in the marine construction industry with leading contractors in technical, managerial, and executive roles.
- Executive VP for the SURF Product Line at Technip.
- CTO at Acergy, SVP Engineering & Project Management at Subsea 7.
- A Fellow of the Royal Academy of Engineering, a Fellow of the Institution of Civil Engineers, a first-class engineer member of the Smeatonian Society, and a chartered engineer in the UK.
- He holds a Bachelor of Science degree in Civil Engineering, a Master's in Business Administration, and a Doctorate of Science in engineering.

Special Guests

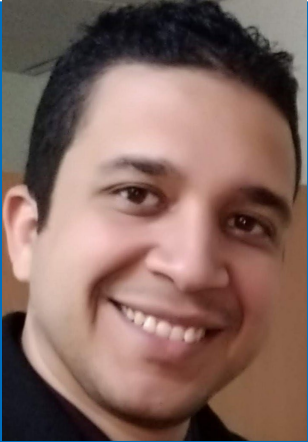


Vice Admiral Alexandre Cursino
Director of Ports and Coasts



Allen Leatt
IMCA
Chief Executive

Today's speakers



Celio Pessoa

*IMCA's
Competence
& Training
Committee*



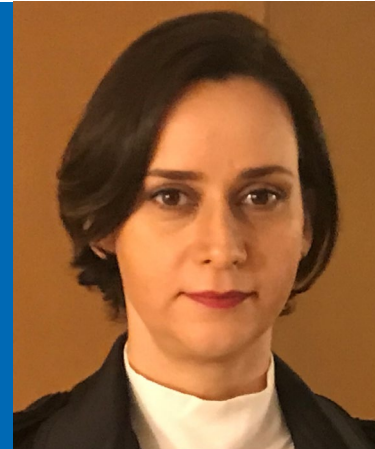
Rafaela
Rodrigues

Subsea 7
*Competence
Assurance
and
Assessment
Program*



Darren Walley

Fugro
*IMCA's
Competence
& Training
Committee*



Simone de
Uribe

Kongsberg
*How
regulation in
Brazil has
encouraged
training*



Lauder
Azevedo

Sistac
*Current
diving
initiatives*



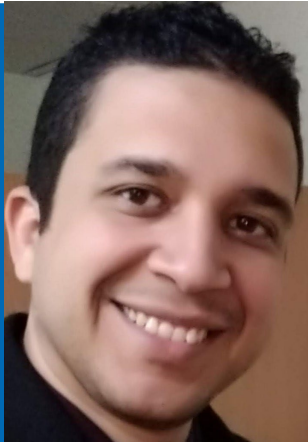
Lt Erika
Lanes

**Brazilian
Navy**
*IMCA and
Navy
initiatives*

Question and Answer Session



Celio Pessoa



Celio Pessoa
IMCA
Competence &
Training
Committee

- Celio is a Production Engineer working for Subsea 7
- He has 20 years of experience on the Oil & Gas Industry, ten of those being offshore as an ROV Pilot and then later an ROV Supervisor.
- Celio has always been interested in personnel development but ever since he became familiar with Competence Schemes it became clear to him that this was the way to go.
- He then became a Competency Assessor and shortly afterwards the Competency Focal Point on Ittech-7 Brasil. Subsequently he was invited to be part of IMCA's Competence and Training Committee.
- Celio has an MBA with emphasis in Project Management

International Marine Contractors Association

Improving performance in the marine contracting industry

Competence & Training Committee South America

24 November 2021

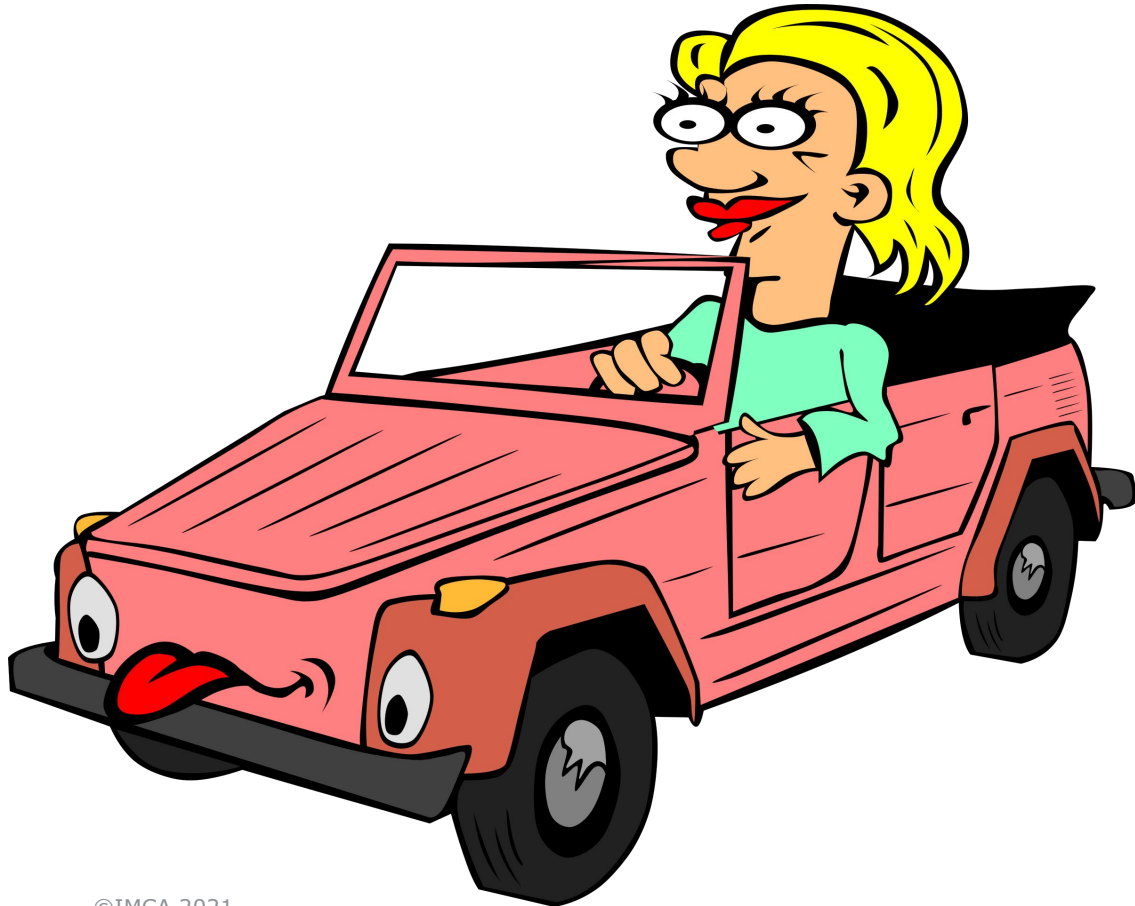
Celio Pessoa

Competence & Training

- What is Competence?
- Why use a competence process?
- The Competence Process
- The IMCA Competence Suite
- Competence and Safety

What is Competence?

So, you know **how** to drive a car!



But does that mean you are **competent** to drive one **safely**?

What is Competence?

- Would the weather change will you still be able to drive safely?
- Are you capable of driving a truck? A motorcycle?

*You can only be considered "competent" when you are **assessed against a measurable and established criteria.***

Competence is more than knowledge!



Competence is a way of life!



Why use a Competence Process?



Using a Competence Process ensures:

- Necessary core competence skills are met
- Necessary task specific competencies are met
- Any legal requirements are met
- All staff are treated equally and fairly
- All candidates are assessed against the same criteria
- All candidates receive feedback and advice
- Full records are logged and maintained

The Competence Process

- Pre-requisites – medical, educational or trade
- Learning – gain knowledge, skill, understanding and experience
- Assessment process
- Verification of assessment process
- Recording and maintenance of competence records and ongoing assessments



The IMCA Competence Suite



IMCA has created and maintain a list of competence related documents.

The main Competence documents, covering our 4 main technical divisions are as follows:

- IMCA C002 *"Guidance on Competence Assurance and Assessment - Marine Division"*
- IMCA C003 *"Guidance on Competence Assurance and Assessment - Dive Division"*
- IMCA C004 *"Guidance on Competence Assurance and Assessment - Survey Division"*
- IMCA C005 *"Guidance on Competence Assurance and Assessment - ROV Division"*

IMCA offers guidance on Assessor and Verifier training:

- IMCA C007 *"Guidance on Assessor Training"*
- IMCA C016 *"Guidance on Verifier Training"*.

IMCA issues Freelance e-portfolio schemes for the Survey and ROV disciplines.

A range of IMCA logbooks for various specialisations are also available

Competence and Safety

When we combine all the attributes necessary for competence, we create good attitude and behaviour which lead to good

SAFETY!



Improving performance in the
marine contracting industry

Rafaela Rodrigues



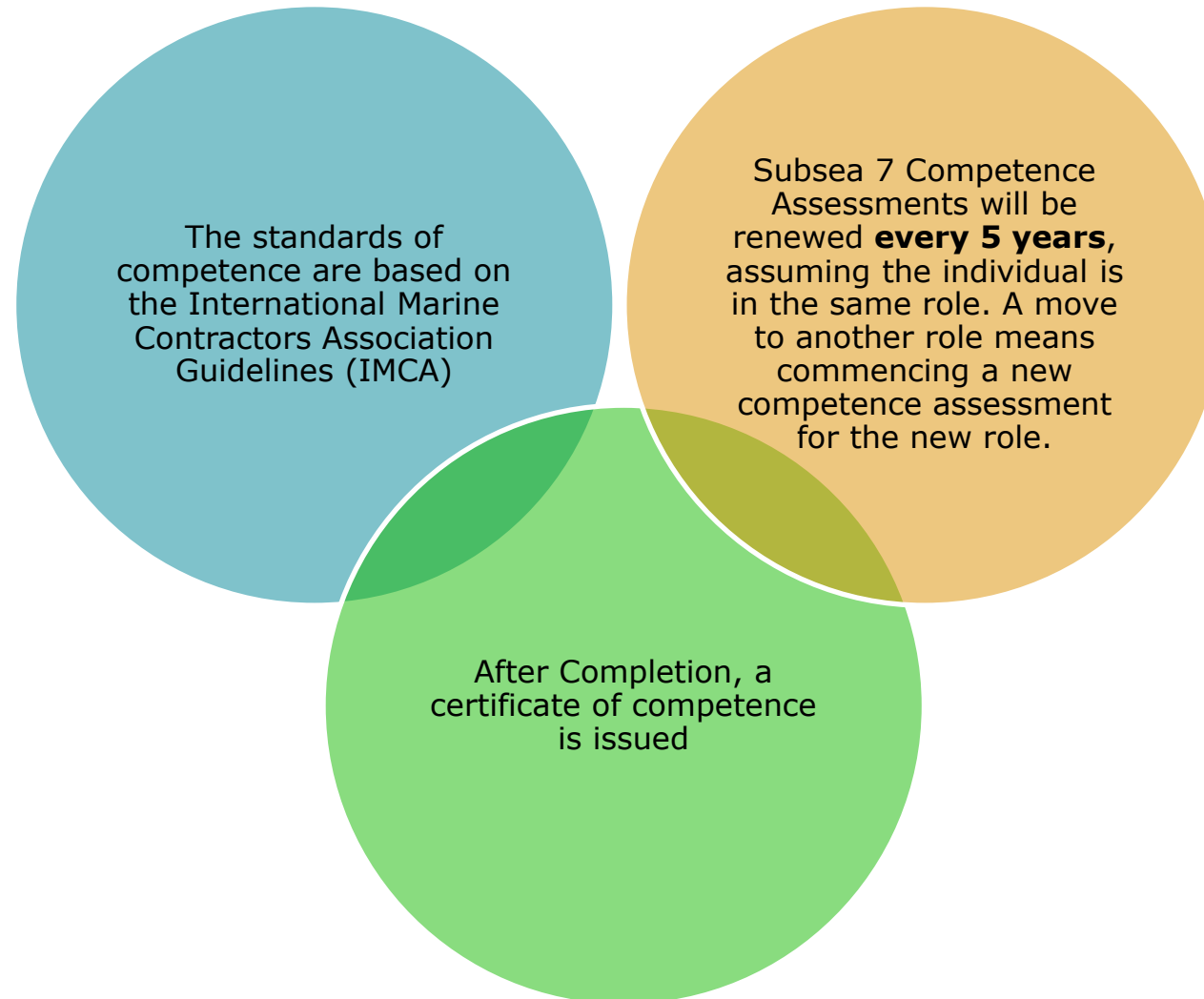
**Rafaela
Rodrigues**
Subsea 7

- Rafaela is a Training and Competence Advisor with Subsea 7 in Brasil, where she has worked for 7 years.
- During her time with Subsea 7 Rafaela has worked as an offshore planning analyst in the offshore energy industry.
- Rafaela is an Experienced Analyst with strong business development skills
- She graduated in International Relations from Universidade Federal do Rio de Janeiro.
- Today she is going to talk to us about Subsea 7's Competence Assurance and Assessment Program

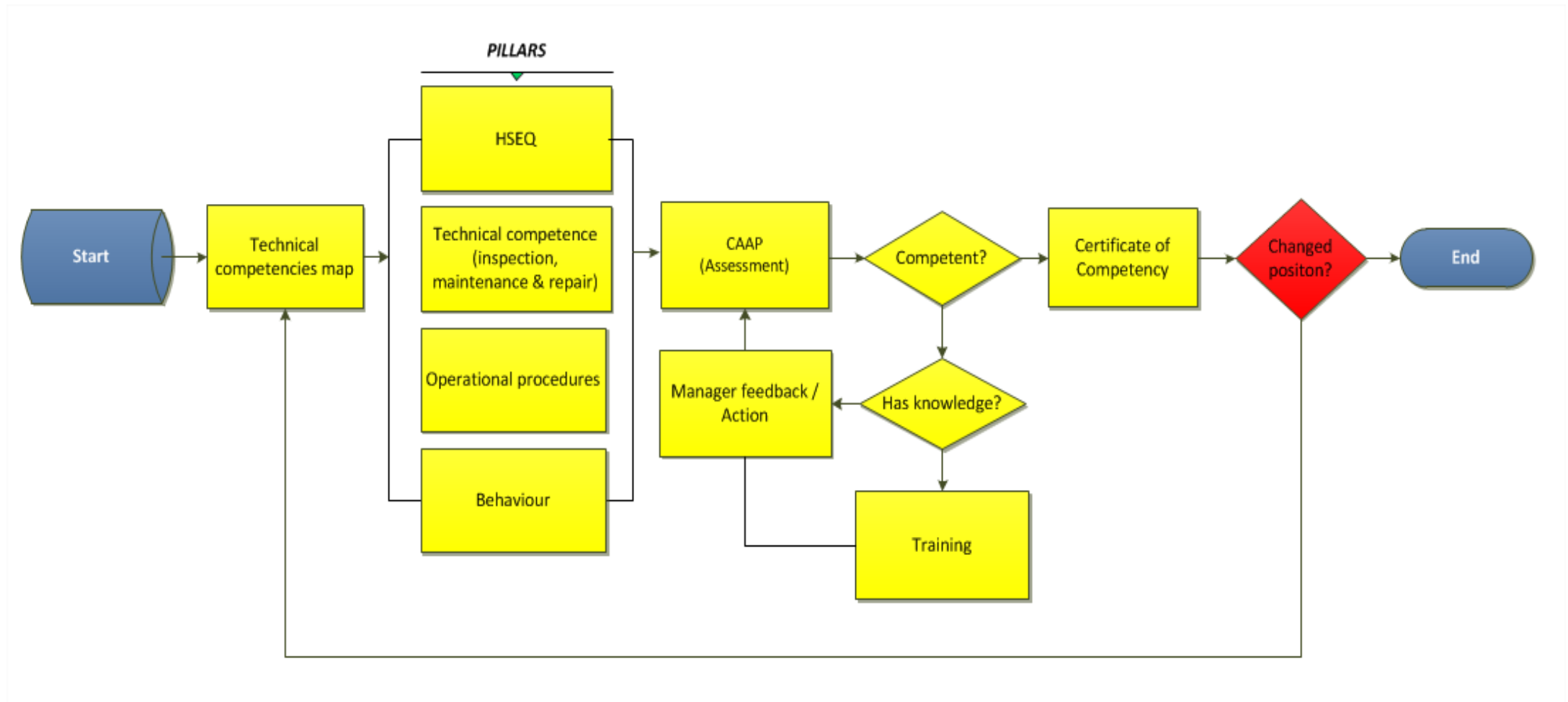


Competence Assurance and Assessment Program (CAAP)

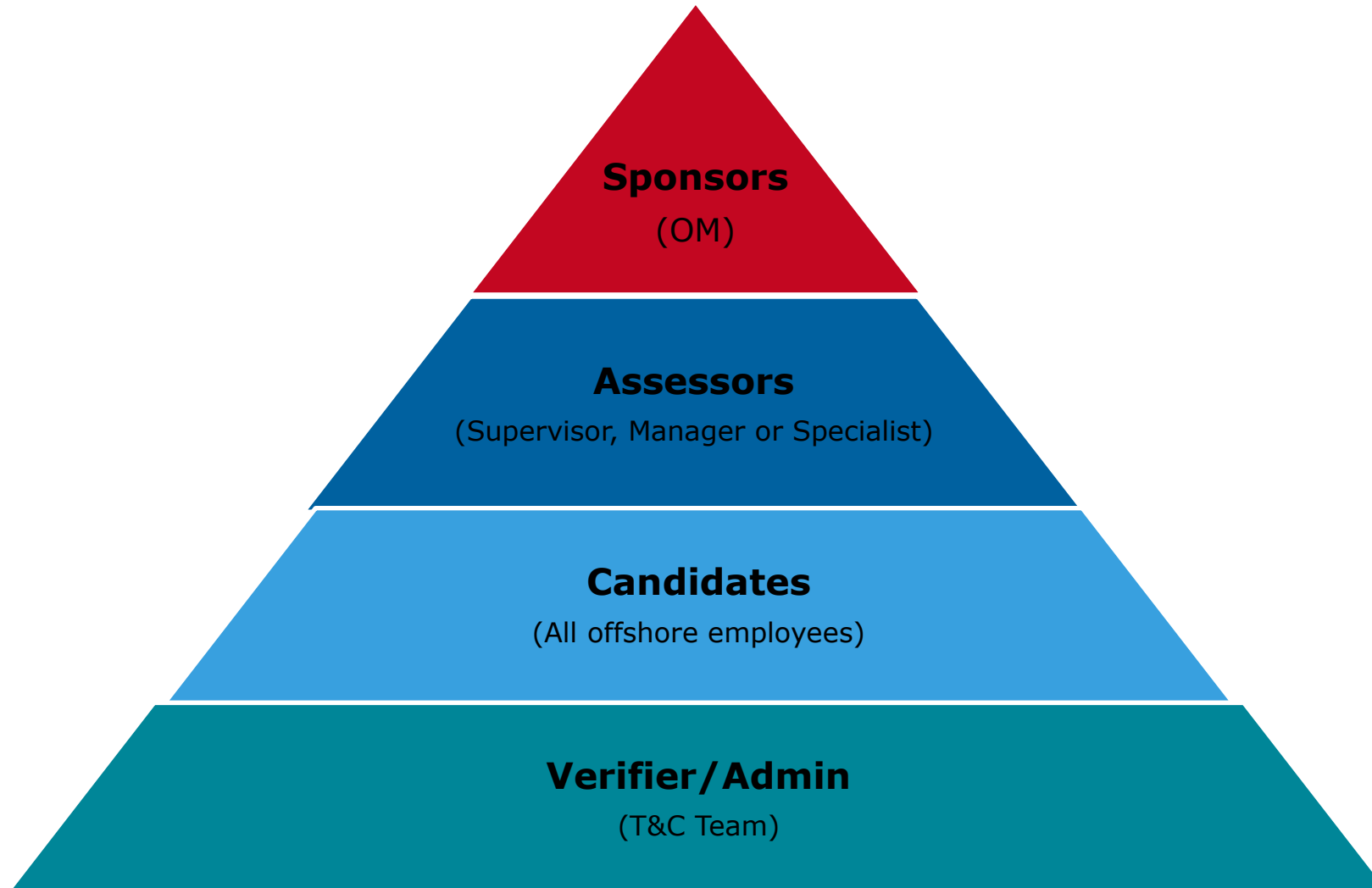
Schematic of competence



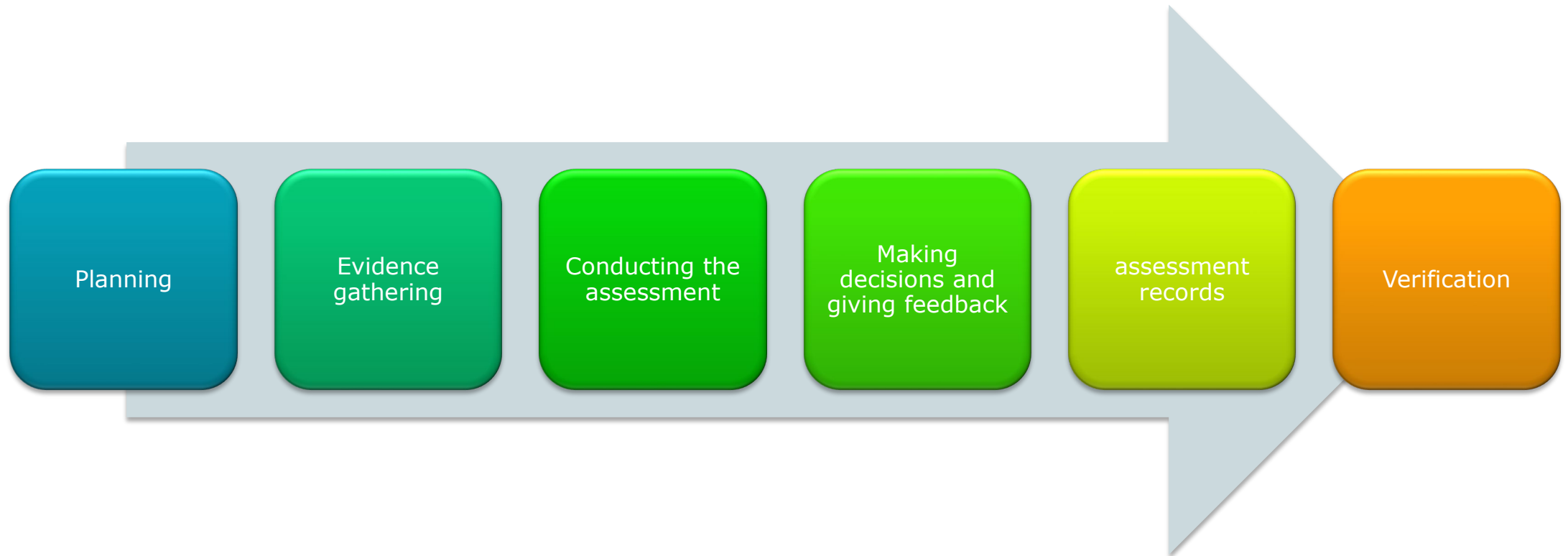
Subsea 7 CAAP Assessment Scheme



Roles & Responsibilities



Main steps



Types Of Evidence



O: Observation of Task by Assessor

WR: Work Record

QU: Questioning of Candidate by Assessor

WT: Witness Testimony

The assessor must make one decision:

- ✓ The employee is certified competent
- × The individual is not yet certified competent
- × Insufficient evidence to decide

THANK YOU



subsea 7

Darren Walley



Darren Walley
Fugro
&
IMCA C&T
Committee

- Darren Walley is currently the Fugro Global Subsea Training and Competence Manager.
- Darren has previous experience in training with the Royal Air Force.
- He worked offshore as an ROV Pilot climbing to Offshore Vessel Manager over several years.
- He established the ROV training program for Fugro and has standardised the global competence frameworks for all onshore and offshore operational personnel.
- Darren sits on IMCA's Competence & Training Committee.



Fugro Digitising Competence

IMCA Brazil Webinar 2021

Darren Walley

Our Focus



***Attracting, developing and motivating
the best people to create a safe and
liveable world.***

***Global Standardisation of
Competencies, Training and
Development.***

Why Change?

Fugro has moved from being decentralised to an enterprise.

Standardising systems, processes, procedures and allowing us to create global technical competence frameworks.

This doesn't come easily as Fugro companies have done their own thing for a long time and as we know people do not like change.



"But we have always done it this way!!"

Curriculum Vitae Vs Competence Assessment

Old Vs New

CV's

The offshore industry mostly uses CV's to approve personnel for a project.

A CV is good to give you chronological information on a person's education and career. It does not however tell you how good a skill set the person has and if they are indeed safe whilst working.

Competence Assessment

A competence assessment record will generally not give you a chronological list of qualifications.

It will however allow you to see valid technical assessments of the person requiring approval that will show if they are safe, competent and have the required skill set you require.

Our Frameworks

Our frameworks are based on Industry best practice, Industry standards and our experience in Land and Marine Operations.



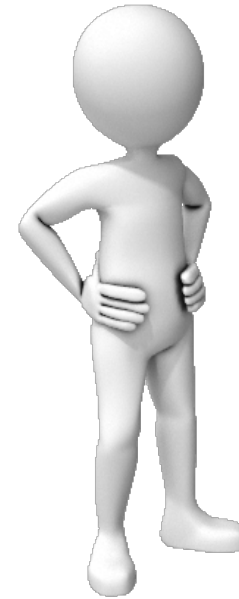
Our Frameworks

Not all sectors or roles have an industry standard like IMCA to work from.

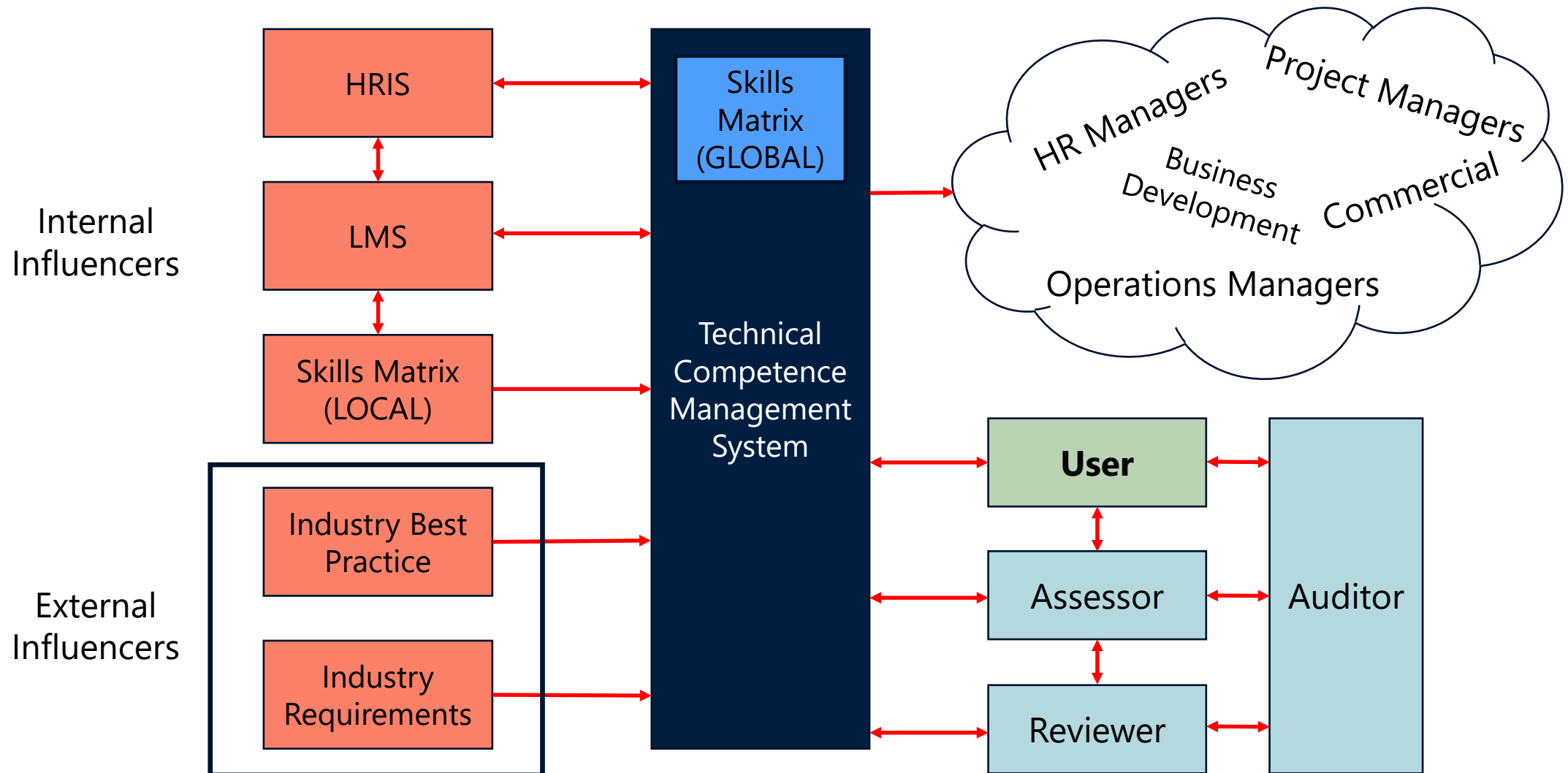
This should be seen as a good thing!!

A Challenge?

An opportunity to set a Global Standard!



Our Technical Competence Model



What we want to Achieve

A Global industry leading competence framework



Develop a truly globally mobile workforce



Use data from the CMS to find and repair training gaps



Identify and develop the hidden talent in the workforce



Allow our workforce to see their career path and make a choice on direction

What we want to Achieve

Other benefits include:

Easily find specialists for specific projects in your global pool.

Ensure that contingent workforce are competent and engaged.

More effective project management.

Better operational management.





Simone de Uribe



Simone de Uribe
Kongsberg
& IMCA
South America
Committee

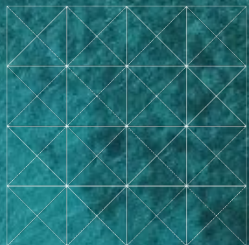
- Simone is a DP Instructor at Kongsberg Maritime do Brasil since July 2014.
- Unlimited DP operator Certified by Nautical Institute since 2009 and Advanced Operations by DNV-GL, recently certified to do Shuttle Tanker Operations by DNV-GL.
- Acting in the area of instruction, carrying out training and qualification courses, as well as operator's assessment and course development.
- Experiences before working in Kongsberg Maritime: Person in charge to develop and implement procedures for the training of all key DP personnel, Senior DPO on Drilling DP Rigs, Chief Officer on Supply Vessels and Deck Officer on ROV Vessel.
- Born in Rio de Janeiro, and graduated in high school in data processing and joined EFOMM where she achieved a Bachelor Degree in Nautical Science – CIAGA/RJ 3rd Deck Officer.
- After some experience onboard Offshore Vessels, gained experience 2nd Deck Officer License.



KONGSBERG

How regulation in Brazil has encouraged training

24/11/2021





KONGSBERG

DP Training

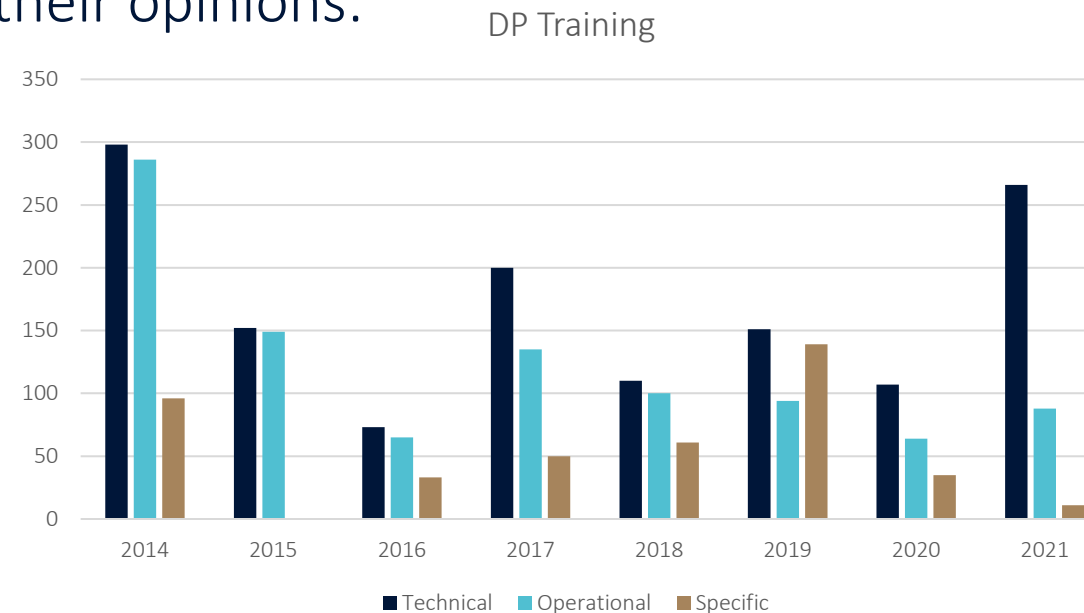
- In 2018 the DPC changed issued the new revision of Norman 13 (Portaria No 342/2018 and 373/2019 DPC) mentioning IMCA M 117 "Guidelines for The Training and Experience of Key DP Personnel"
- After that, many companies started to understand that a DP vessel needs **qualified professional**, not just **certified personnel**, and sought to train their crew seeking a better knowledge of the equipment used and safer operations.



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DP Training

- We started to deliver more vessel specific courses in both the operational and maintenance departments. Many professionals who previously only had the DP certificate attended our courses and left their opinions:





KONGSBERG

Students' feedback

knowledge-based

I really enjoyed the course. The course expanded my knowledge about the system and gave me more understanding about it.

Gostei muito do curso. O curso expandiu meu conhecimento sobre o sistema e me deu mais compreensão sobre ele.

The training didactic was excellent.

A didática do treinamento foi excelente.

How rich of information the course is. The knowledge and experience of the instructor and the way he transmitted this knowledge.

Quão rico em informações é o curso. O conhecimento e a experiência do instrutor e a forma como ele transmitiu esse conhecimento



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Students' feedback

Realistic simulations

The course is very focused on our reality on board. It was very explanatory and dynamic. Focused on the functions that are most used and most needed in our activities. **I was quite surprised because I thought the course would only be about the functions of the DP, but it was far better than I ever would have expected.**

*O curso é bastante direcionado a nossa realidade de bordo. Foi bem explicativo e dinâmico. Focado nas funções que são mais usadas e mais necessárias nas nossas atividades. **Me surpreendi bastante pois achei que o curso seria somente a respeito das funções do DP, mas foi muito melhor do que eu imaginava.***



KONGSBERG

Students' feedback

skills development and updating

DP Refresher course will be very important for my **professional education and update** what will make me feel **more confident and aware about any emergency situation** regarding DP Operations.

*O curso de Refresher DP será muito importante para minha formação e **atualização profissional** o que me fará sentir **mais confiante e ciente sobre qualquer situação de emergência** em relação às Operações de DP.*



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Students' feedback

brainstorming

I All content was presented in a clear way with examples of daily use.
Extremely enriching.

*Todo conteúdo foi passado de forma clara com exemplos de uso no dia a dia.
Extremamente enriquecedor.*

We can transfer experiences with colleagues.

Podemos trocar experiências com colegas.



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Students' feedback

What was the most appreciated?

I really enjoyed the practical part of the course. Now I feel able to start any troubleshooting in the DPC and the OS station of the DP system.

Gostei muito da parte prática do curso. Agora me sinto capaz de iniciar qualquer solução de problemas no DPC e na estação OS do sistema DP.

Simulators, failure simulation, **real equipment in running condition.**

*Simuladores, simulação de falha, **equipamento real em funcionamento.***



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Students' feedback

What was the most appreciated?

The close contact with the equipments. Now we'll be able to identify and assess all of them.

*O contato próximo com os equipamentos. **Agora poderemos identificá-los e avaliá-los.***

Lab tools were very handy and reproduced the **real work environment** in optimal format.

*As ferramentas de laboratório eram muito úteis e **reproduziam o ambiente real de trabalho** em um formato ideal.*



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Students' feedback

What was the most appreciated?

The possibility to simulate serious failures and check their consequences.

*A possibilidade de simular falhas graves e **verificar suas consequências.***



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Students' feedback

What was the most appreciated?

The correlation with the actual circumstances onboard and **troubleshooting for problems**

A correlação com as circunstâncias reais a bordo e a **solução de problemas**

New knowledge, as much as new practices to **improve my job role and performance.**

*Novos conhecimentos, tanto quanto novas práticas, para **melhorar meu papel e desempenho no trabalho.***



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In all areas of work, professionals need to be constantly developing their skills. For this, a training plan is made.

“All vessel owners/operators require suitably qualified and experienced DP personnel for safe and commercially successful operations.” IMCA M 117

How do you know if this training is actually impacting results?



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Students' feedback

How do you know if this training is actually impacting results?

Very good course! I hope get more!

Muito bom curso! Espero conseguir mais!

I would like to thank for the course, which is a high-level knowledge. I'm sure that what was shared during the course will develop a lot my performance onboard.

Agradeço o curso, que é um conhecimento de alto nível. Tenho certeza que o que foi compartilhado durante o curso vai desenvolver muito meu desempenho a bordo.



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Students' feedback

How do you know if this training is actually impacting results?

The course adds a lot of content that will help with operations.

O curso adiciona bastante conteúdo que ajudará nas operações.

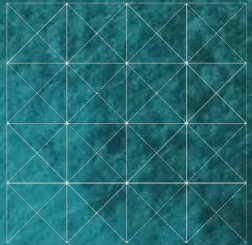
Good, they helped me to fix issues on DGPS XP with corrupted files.

Bom, eles me ajudaram a consertar problemas no DGPS XP com arquivos corrompidos.



KONGSBERG

Thank you!



Lauder Andrade de Azeredo



Lauder Azeredo

Diving Manager
Sistac

- Lauder is Diving Manager with Sistac responsible for planning, organization, control and coordination of the diving processes (Operations, Competence and Training).
- A commercial Air Diver in 1989, graduated by Aquamaster Diving School, approved by the Brazilian Navy. From then till 1999, worked as a Commercial Diver, performing ORM and Construction tasks, at various types of offshore units.
- Promoted to the role of Air Diving Supervisor in 1999, and in 2014, became Diving Superintendent, leading several offshore ORM and Construction operations till the end of 2018. In 2019, Lauder became responsible for the audits of all company's Air Diving Operations, regarding offshore teams behavior / Systems conditions and maintenance.
- In 2020, became Sistac's Diving Technical Rep for the Brazilian Navy. Lauder is a qualified NDT inspector, at all available underwater techniques for Divers in Brazil.
- MBA in Operations, Production and Services and Graduated in Management Processes - Universidade Estácio de Sá.
- Certified as Diving System Assurance and Trainee Air Diving Supervisor

Current initiatives regarding IMCA training and certification in shallow diving, Brazil, including the Simulator for Supervisors SISTAC Access Systems



The **International Marine Contractors Association - IMCA** was formed in 1995 through the merger of the former **Association of Offshore Diving Contractors (AODC)** formed in 1972, and the **Dynamically Positioned Vessel Owners Association (DPVOA)** formed in 1989.

It currently represents the vast majority of contractors and the associated supply chain in the offshore shipbuilding industry worldwide. Having more than 700 members operating in over 60 countries.

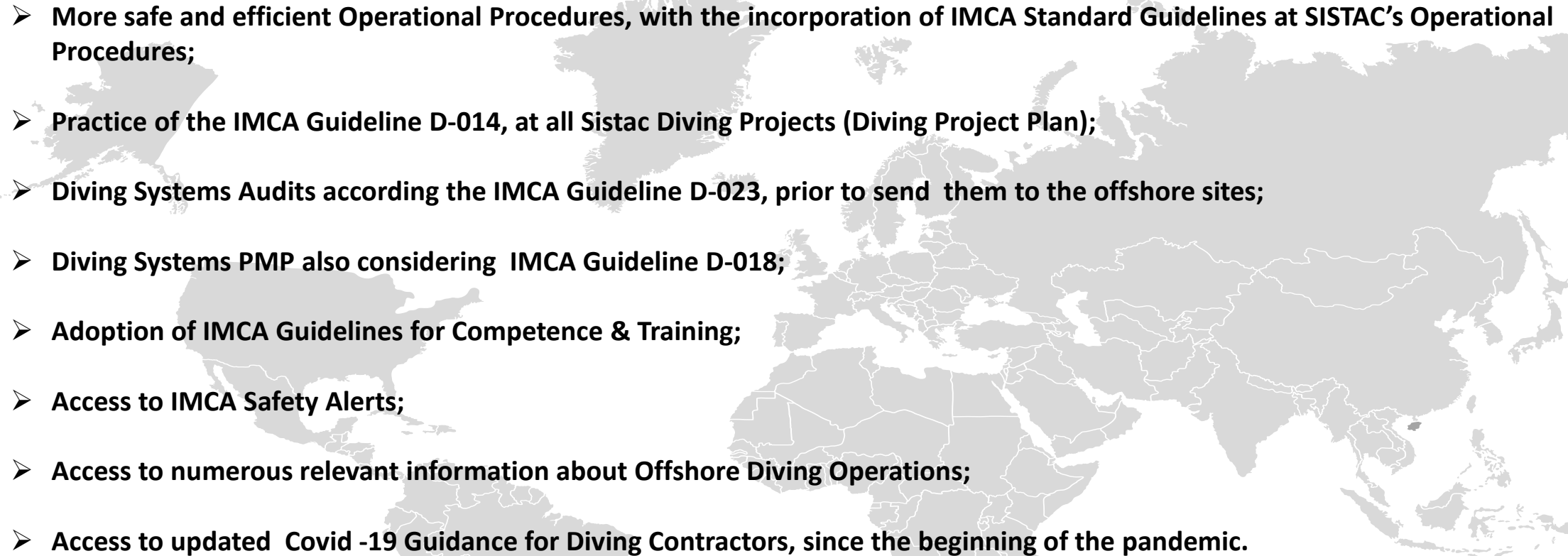
Different from traditional trade associations in that the focus is on improving industry performance through authoritative technical standards that lead to safe and efficient operations. It has a highly developed committee structure, made up of industry-leading people who work tirelessly for better performance through self-regulation.

In 2009, the **International Marine Contractors Association – IMCA** arrived in South America, promoting improvements in quality, health, safety, environmental and technical standards through Codes of Practice.

SISTAC Access System begins to adopt the Codes of Practice of the **International Marine Contractors Association – IMCA**, around the 10's, and in 2019, it becomes the first IMCA member diving company in South America.

SISTAC's Main Improvements with IMCA



- 
- A light gray world map is visible in the background of the slide, showing the outlines of continents and countries.
- More safe and efficient Operational Procedures, with the incorporation of IMCA Standard Guidelines at SISTAC's Operational Procedures;
 - Practice of the IMCA Guideline D-014, at all Sistac Diving Projects (Diving Project Plan);
 - Diving Systems Audits according the IMCA Guideline D-023, prior to send them to the offshore sites;
 - Diving Systems PMP also considering IMCA Guideline D-018;
 - Adoption of IMCA Guidelines for Competence & Training;
 - Access to IMCA Safety Alerts;
 - Access to numerous relevant information about Offshore Diving Operations;
 - Access to updated Covid -19 Guidance for Diving Contractors, since the beginning of the pandemic.

Current initiatives regarding IMCA training and certification



SISTAC Access System S/A, through JFD, in April 2019, begins its training and certification program for its employees, sending 10 employees to the City of Aberdeen (JFD Training Center) to take the following courses :

- **Diver Medic Tecchinician – DMT (8 Divers);**
- **Diving System Assurance – DSA (2 Divers).**

where all employees were approved, obtaining 100% of the courses taken.



Diver Medic Tecchinician – DMT

Current initiatives regarding IMCA training and certification



In January 2020, SISTAC invited KB Associates (Europe) Limited to conduct in-company training (Tanguá Operational Base) of 27 employees, forming groups for the following courses:

- **Trainee Air Supervisor – TADS (12 employees).**
- **Diving System Assurance – DSA (13 employees);**

where all employees were approved, obtaining 100% of the courses taken.



Trainee Air Supervisor – TADS



Diving System Assurance – DSA



Current initiatives regarding IMCA training and certification



At the end of the Trainee Air Supervisor – TADS course, SISTAC starts with its supervisors an intensive, practical and theoretical preparatory test for the Application Examination – IMCA Diving Supervisor.



Trainee Air Supervisor – TADS
(Panel Hours)



Trainee Air Supervisor – TADS
(Classroom)



Trainee Air Supervisor – TADS
(Simulator Container Hours)

However, the application exams for **Air Supervisor – ADS** and the recycling of **Diver Medic Technician – DMT** were not being carried out, due to the implementation of restrictive measures for the movement and agglomeration of people around the world on behalf of COVID-19.

After the relaxation of restrictive measures around the world, SISTAC resumes its IMCA Certification process, being in the process of recycling the **Diver Medic Technician – DMT** and with the **Air Supervisor – ADS** exam scheduled for December 2021.

Current initiatives regarding IMCA training and certification



SISTAC's qualification process covers the maintenance areas, to train its employees according to the category of competence to perform maintenance, as recommended by **IMCA-D 018 - Code of practice for the initial and periodic examination, testing and certification of diving plant and equipment - item 4.5 - Category 2.**

"A technician or other person specialising in such work who may be an employee of an independent company, or an employee of the owner of the equipment (unless specific legal restrictions apply), in which case his responsibilities should enable him to act independently and in a professional manner."

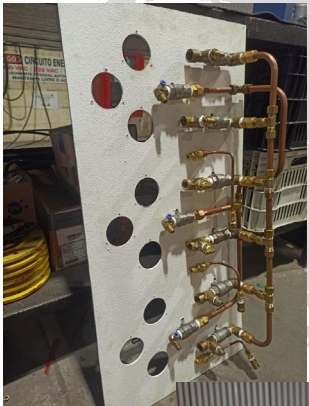


Training – Kirby Morgan Dive Systems
Maintenance and Repair Technician

Simulator container



In March 2020 SISTAC Access System, started the Dive Control Simulator project, for training offshore supervisors, which aims to simulate various operational and emergency situations that may occur during the diving activity (Eg: Shortness of breath for divers, lack of voice, loss of dynamic positioning, etc.), thus enabling our workforce to conduct safe and efficient operations.



CT – Control panel under construction



CT - Simulated in construction process (External part)



CT - Simulated in the construction process (Internal Part)

Simulator container



With the arrival of the COVID-19 pandemic in Brazil in March 2020, there were delays in the construction schedule of the Diving Control Simulator, which was only completed in November 2021, due to the restrictions imposed by the COVID-19.



CT - Simulated completed
Instructor side (Internal part)



CT - Simulated completed
(External part)



CT - Simulated completed
Supervisor side (Internal part)



Lt Erika Lanes



Lt Erika Lanes

Brazilian Navy

- Lieutenant Érika Lanes graduated the Brazilian Merchant Marine School in 2007 and became certificated DP Operator by the Nautical Institute in 2011.
- 7 years working offshore, she has served on gas tanker, oil tanker, anchor handling vessel and drilling rigs.
- She also has MBA in Shipping, Ballast Control Operator certification and Accustics System course. She currently works as Director of Ports and Coats Assistant in Brazilian Navy and she was also responsible for revising Brazilian Navy Regulation for DP matters in Maritime Education System.
- Her area of interest is documentation and certification for Seafares, including development of competence, and DP operations.

Contribution of Brazilian Maritime Authority and IMCA´s partnership for Key DP Personnel competence and training development



MB E IMCA:
PROJETANDO O PODER MARÍTIMO NO MUNDO

Vice-Admiral Alexandre CURSINO de Oliveira
Lieutenant ÉRIKA de Brito LANES
Directorate of Ports and Coasts (DPC)



TOPICS

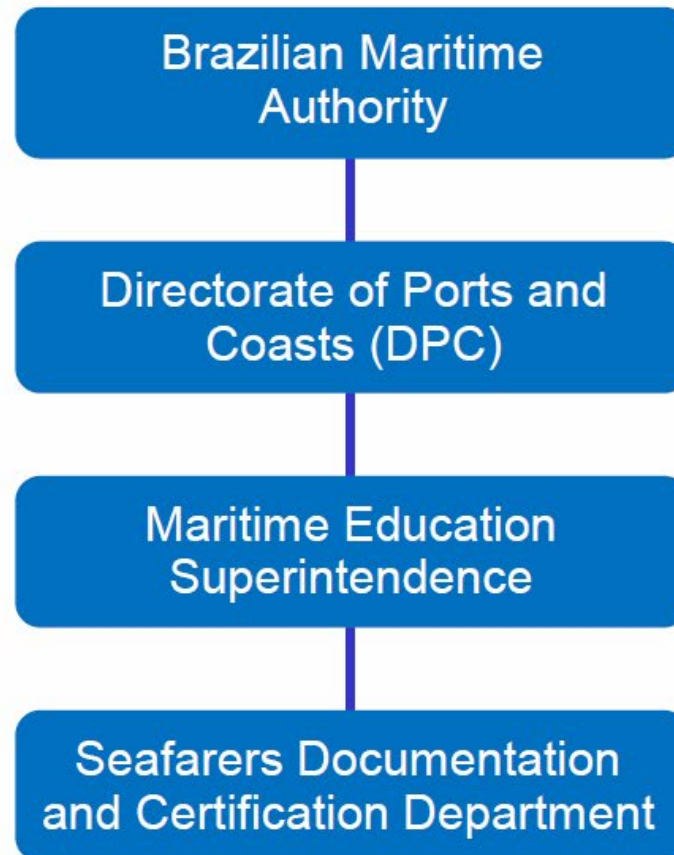
- ✓ Where is our future?
- ✓ Brazilian Maritime Authority Structure for DP Qualification and Training
- ✓ Brazil and IMCA's Partnership
- ✓ Brazilian Regulation
- ✓ Safety, Training and Competence Development
- ✓ Conclusion



Where is our future?



Structure for Brazilian Key DP Personnel Qualification and Training





Brazil and IMCA's Partnership on the worldwide effort

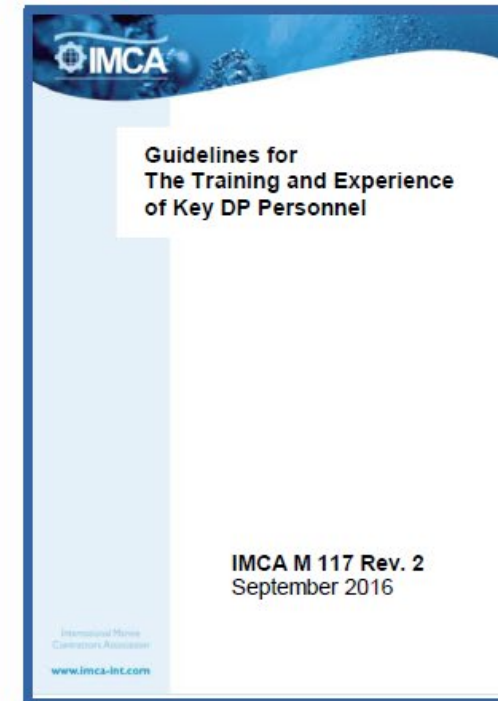




Brazil and IMCA's Partnership



Certificated Dynamic Positioning Operators (DPO).



IMCA M 117 Rev.2

Brazilian Maritime Authority Regulation - **international best practices**.

What we have done?

NORMAM-13 REVISED



Ordinance 373/2019 of
DPC revoked Ordinance
342/2018 of DPC

Guideline for DP operators
qualification and certification

Guideline for owners/companies
and offshore installations

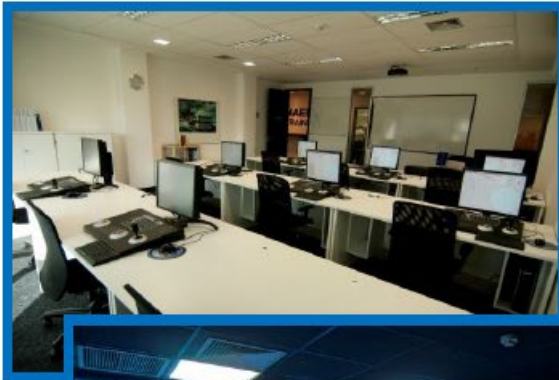
Guideline for Certification Body
recognition



Brazilian Key DP Personnel Qualification and Training



Safety Development



Key DP Personnel – mandatory



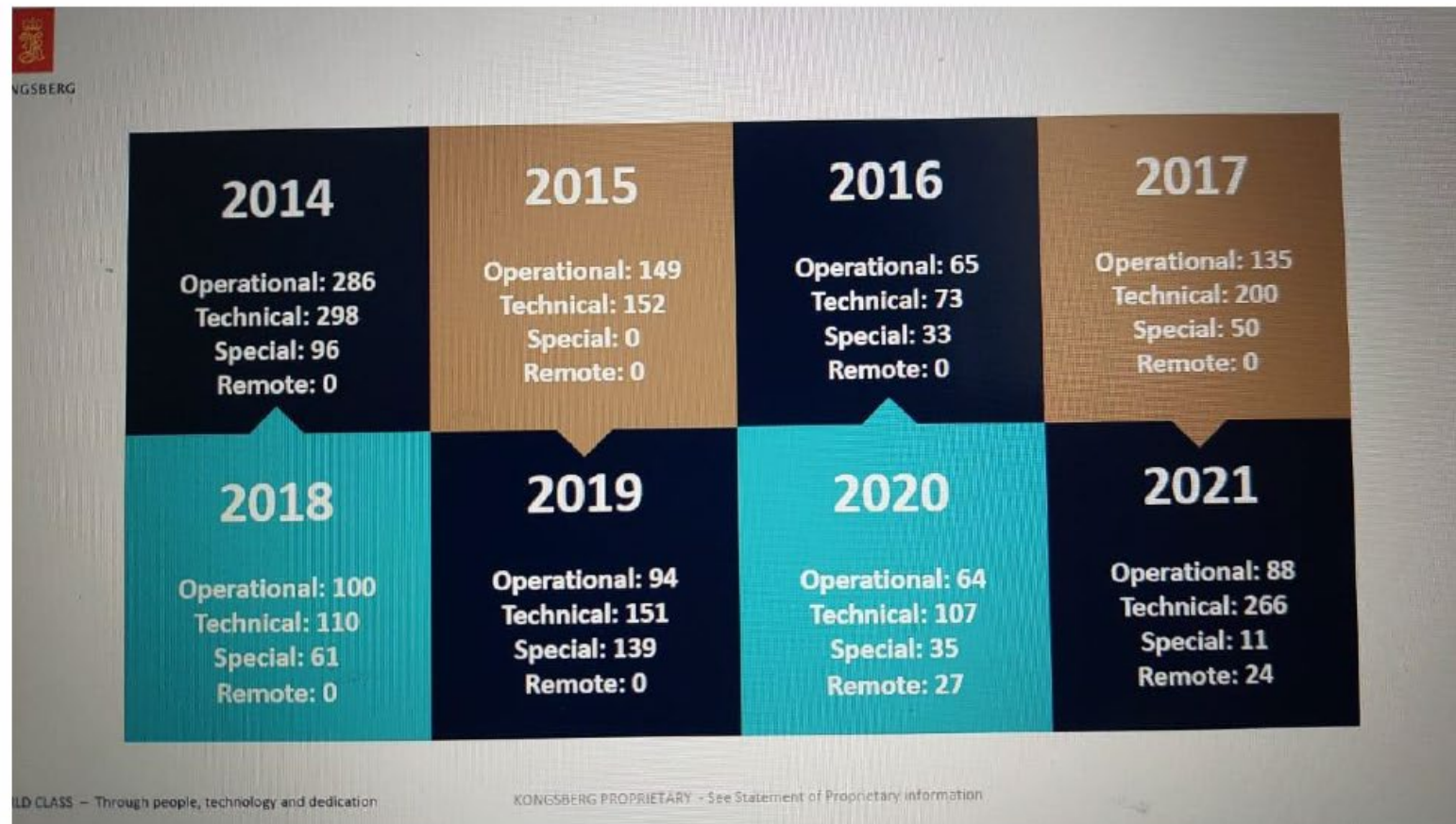
Key DP Technical
Personnel – mandatory



Port State Control Officer



Training and Competence Development





Accidents Overview

DP Operations	
Up to 2018	34
After 2018	0

Diving	
Up to 2018	158
After 2018	37

IMCA'S Distinction – Navy Friend's Medal





Brazilian Maritime Authority corresponding membership



COVID-19 Login

Home » Membership » Categories of Membership & Fees

Categories of Membership & Fees

When joining IMCA there are five broad categories of membership to consider.

Full details of these categories can be found in our Bye-laws. A high level description is below.

Please note that the Secretariat maintains detailed rules, procedures, audit requirements and fees related to the various membership categories associated with contractors and suppliers joining our Diving Division.

Administrative Contact

IMCA Membership Services

[Contact](#)

Engagement Contact

IMCA Engagement Team

[Contact](#)

Global Contractor

The Global Contractor membership level is IMCA's highest category of membership, representing leading industry contractors operating on a global scale.

International Contractor

International Contractor membership comprises contractors with a strong international presence - operating in three or more of IMCA's geographic regions.

Contractor Membership

This is the largest category of membership and represents the majority of marine contractors operating on a national or regional level. Much of IMCA's work is to represent its contractor members and our work programme is directed to serve them.

Supplier Membership

The industry's supply chain supporting our contractor members has always played an important part and role in IMCA. There are five supplier sub-categories:

- S1 - Supplier of equipment or services (non-training), including: equipment manufacturers; engineering companies; consultants; etc.
- S2 - Personnel agencies
- S3 - Training establishments (non-diving)
- DT1 - Training providers offering in-water basic diver training, leading to an IMCA recognised diver training certificate
- DT2 - Training providers offering IMCA Diving Division approved courses

Corresponding Membership

Membership is open to companies and organisations with a keen interest in IMCA's work, such as energy companies (oil companies, offshore renewable energy companies, etc.), regulators (government agencies and other bodies) and other associations/professional bodies working in the offshore sector.

Affiliate Membership

An affiliate member is an entity that owns, is owned by, or is under the same ownership as a current IMCA member. Affiliate membership is available for members who would like to:

1. Apply for membership in an additional region
2. Apply for an additional category of membership

Affiliate membership is charged at a reduced rate, with the application fee and the basic membership fee being waived; only the divisional fees will be applicable should the application be successful.

Applications for affiliate membership will be handled in the normal way using our online application form.

An additional process for Diving Contractor affiliates can be found on the Diving Contractor Membership page.

Membership Fees

Membership Fees are applicable on an annual basis and are tiered depending on Membership Category. There are two elements to IMCA membership fees: the base fee plus a divisional fee. Each member must join one or more divisions relevant to its own activities. Corresponding membership covers all divisions. Figures shown are net of tax, if applicable. For full details please contact us.

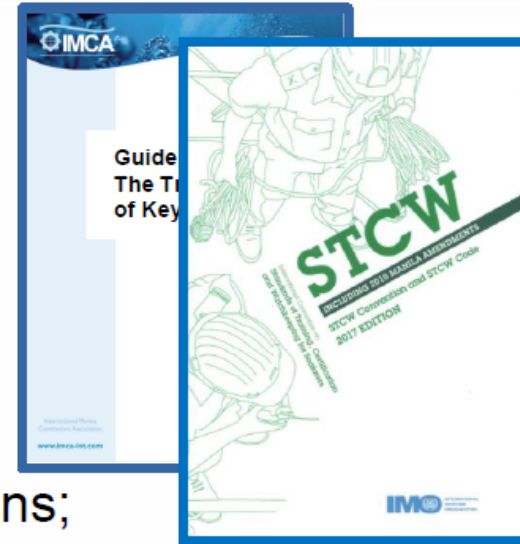


MARINHA DO BRASIL



Conclusion

- ✓ Brazilian Maritime Authority committed:
 - with international best practices;
 - improve safety on DP and Diving operations;
 - encourage vessel owners/operator developing and sustaining competence;
- and...
- our partnerships.





Mares e Rios seguros e limpos

Safe and Clean Seas and Rivers

Question and Answer Session

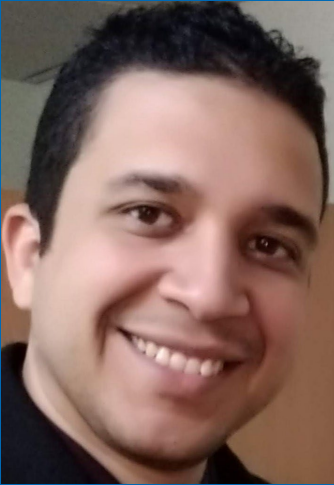




Vice Admiral
Brazilian Navy



Allen Leatt
IMCA



Celio Pessoa
C&T



Rafaela
Rodrigues
Subsea 7



John Chatten
Chair



Darren Walley
Fugro



Simone de Uribe
Kongsberg



Lauder Azevedo
Sistac



Lt Erika Lanes
Brazilian Navy



Daniel Marins
Vice Chair



Andy Goldsmith
IMCA Lead

Thank You

- **Thank you** to today's speakers, panellists and Committee
- **Thank you** for your attention
- A recording will be available shortly
- Please complete our short feedback survey



Improving performance in the
marine contracting industry

